

## Ocean gales and storms July, 1925

Vessel	Voyage		Position at time of lowest barometer		Gale began	Time of lowest barometer	Gale ended	Lowest barometer	Direction of wind when gale began	Direction and force of wind at time of lowest barometer	Direction of wind when gale ended	Highest force of wind and direction	Shifts of wind near time of lowest barometer
	From—	To—	Latitude	Longitude									
North Atlantic Ocean													
President Harding, Am. S. S.	New York	Bremerhaven	39 50 N.	54 45 W.	3d	1 p., 3d	3d	Inches 29.72	S	SSW., 7	SSW.	SSW., 8	S-SSW.
Eastern Victor, Am. S. S.	Antwerp	Philadelphia	41 47 N.	48 55 W.	4th	2 a., 4th	4th	30.00	SW	S., 8	SW	SSW., 8	SSE-SSW.
Avonmouth, Br. S. S.	Swansea	do.	52 43 N.	50 02 W.	7th	4 a., 8th	8th	29.71	W	SW., 8	NW	—, 8	SW-NW.
Elbergen, Du. S. S.	Port Talbot	do.	54 40 N.	31 08 W.	10th	11 p., 10th	11th	29.56	SW	SW., 9	W	SW., 10	WSW-W.
Maine, Dan. S. S.	Liverpool	Curacao	54 33 N.	30 30 W.	11th	10 a., 13th	14th	29.70	WSW	WSW	W	W., 8	Steady
Lacuna, Br. S. S.	Sabine	Dublin	51 15 N.	10 10 W.	17th	7 p., 17th	20th	29.61	N	NW	NNW	NW., 9	NNW-E.
Ashtabula, Br. S. S.	Philadelphia	London	49 08 N.	12 09 W.	18th	11 p., 19th	20th	29.31	NNW	NNW., 7	E	NNW., 8	SW-NW.
Putney, Br. S. S.	Cardiff	Philadelphia	49 38 N.	7 50 W.	25th	11 p., 25th	26th	29.81	SW	SW., 4	—, 8	NW., 9	Steady.
Vittorio Emanuele III, Am. S. S.	Shields	Baton Rouge	50 37 N.	15 00 W.	26th	4 a., 26th	27th	29.77	NW	—, 8	NW	NW., 8	Steady.
Conrad Mohr, Nor. S. S.	Batavia	Batavia	50 35 N.	0 19 E.	27th	Noon, 27th	28th	29.48	W	W., 10	W	W., 11	NE-ENE.
Havana Maru, Jap. S. S.	Rotterdam	Galveston	12 25 N.	78 12 W.	27th	6 p., 27th	28th	29.73	NE	NE	—, 7	—, 7	SW-WSW.
Waban, Am. S. S.	London	New York	48 00 N.	8 45 W.	30th	7 p., 30th	31st	29.84	SW	SW., 7	WNW	WSW., 8	WNW.
Vardulla, Br. S. S.	London	New York	48 34 N.	24 00 W.	30th	6 a., 30th	30th	29.82	WSW	WSW., 8	W	WSW., 8	WSW-W.
South Atlantic Ocean													
West Corum, Am. S. S.	Mobile	Montevideo	20 08 S.	38 45 W.	3d	4 a., 3d	4th	29.96	SW	SW., 7	SW	SW., 8	WSW-SW.
South Pacific Ocean													
Tahiti, Br. S. S.	San Francisco	Sydney, N.S.	27 50 S.	167 25 W.	1st	Midt., 1st	2d	29.56	NW	SW., 8	W	SW., 9	WSW-SW.
Do	do	do	36 12 S.	175 20 W.	22d	10 a.	22d	29.64	N	N	NE	N., 9	Steady.
Middleham Castle, Br. S. S.	Panama	Auckland	34 50 S.	157 W.	12th	4 p., 12th	13th	29.37	NW	SW., 6	S	SSE., 9	W-SW.
North Pacific Ocean													
Challenger, Am. S. S.	San Francisco	Seattle	42 05 N.	124 36 W.	3d	—	4th	29.90	N	N., 8	N	N., 9	Steady.
West Prospect, Am. S. S.	Hongkong	San Francisco	39 26 N.	126 42 W.	3d	3 a., 5th	5th	30.02	NW	N., 7	N	N., 8	Steady.
Lebec, Am. S. S.	San Pedro	Chile	14 30 N.	102 30 W.	7th	6 a., 8th	8th	29.61	E	ENE., 10	SSE	ESE., 10	E-SSE-SW.
San Tiburcio, Br. S. S.	South America	San Pedro	See text.	See text.	9th	2 a., 10th	10th	28.90	—	—	—	—, 12	—
Angers, Fr. S. S.	Marseille	Yokohama	25 08 N.	119 44 E.	8th	—	—	29.45	—	—	—	NE., 8	—
Thomas, U.S.A.T.	Honolulu	Guam	13 27 N.	138 E.	9th	11 p., 9th	11th	29.65	E	E., 8	S	S., 8	—
Africa Maru, Jap. S. S.	Yokohama	Victoria	47 25 N.	172 20 E.	13th	6 p., 13th	14th	29.78	SSE	SSE., 8	SW	SSE., 8	SSE-SE.
Edgemoor, Am. S. S.	Batavia	Honolulu	15 30 N.	108 50 W.	17th	10 p., 17th	22d	29.67	W	WSW., 5	SSW	S., 10	SSE-SW.
WSW													

<sup>1</sup> Position of vessel approximate. Barometer—regular observation only—uncorrected.

## NORTH PACIFIC OCEAN

By WILLIS EDWIN HURD

For the fifth successive month the North Pacific anticyclone continued in a well-developed state, and in July was scarcely disturbed by cyclonic influences, except in the north, where the Aleutian low fluctuated along or slightly into its boundary.

Although the low was practically absent from Alaskan waters on several days, yet it covered the upper part of the Gulf of Alaska from the 7th to the 13th, and the Aleutian Islands on several days preceding and following these dates, so that, particularly in the neighborhood of Dutch Harbor, the average pressure was below the normal for the month.

Pressure data for July for the several island stations in the eastern part of the North Pacific, as well as for a few stations on the American coast, are given in the following table:

Station	Average pressure	Departure from normal	Highest	Date	Lowest	Date
Dutch Harbor <sup>1</sup>	29.90	-0.12	30.32	26th	29.40	20th
St. Paul <sup>1</sup>	29.90	-0.05	30.34	26th	29.60	20th
Kodiak <sup>1</sup>	29.98	-0.02	30.22	15th	29.52	8th
Midway Island <sup>1</sup>	30.09	-0.01	30.20	14th	29.88	3d.
Honolulu <sup>1</sup>	30.02	-0.00	30.09	12th	29.89	15th
Juneau <sup>1</sup>	30.03	-0.02	30.33	15th	29.60	8th
Tatoosh Island <sup>1</sup>	30.11	-0.04	30.28	1st	29.89	21st
San Francisco <sup>1</sup>	29.97	-0.02	30.14	12th	29.73	17th
San Diego <sup>1</sup>	29.93	-0.04	30.02	24th	29.75	17th

<sup>1</sup> P. m. observations only.

<sup>2</sup> 23 days.

<sup>3</sup> And other data.

<sup>4</sup> A. m. and p. m. observations.

<sup>5</sup> Corrected to 24-hour mean.

Hawaiian weather was largely fair, under the influence of the anticyclone to the northward. The total rainfall was again below the normal, the amount, 0.67 inch, having a departure of 0.52 inch. The prevailing wind continued from the east, though the highest velocity was from the NE. at the rate of 27 miles an hour, on the 28th. The mean temperature did not vary over 3° from the normal on any day.

Pressure continued low along the Asiatic coast, but no severe storm seems to have developed, although two known typhoons, of moderate depth, influenced the northern islands of the Philippines and the China coast during the period from the 7th to the 17th. Reports of the moderate gales occurring in this area will be found in the table.

The weather over most of the ocean was mainly serene. No gales exceeding 9 in force were reported except from the Mexican coast region, where two cyclones, one of known hurricane violence, occurred.

Of the three vessels that up to the present time have furnished reports of these tropical storms, two ran into the hurricane of the 7th to 10th. On the afternoon of the 7th the American S. S. *Lebec*, southward bound, encountered a heavy squall from the east, force 10, in 14° 30' N., 102° 30' W. The vessel continued in the gale until noon of the 8th, at which time its position was 12° 30' N., 100° 45' W. The master of the British S. S. *San Tiburcio*, Buenos Aires to San Pedro, rendered the following account of later developments of this storm:

July 9, 4 p. m.: Barometer 29.78 (this and following readings uncorrected). Freshening wind. Moderate to rough sea, overcast and showery.